

United States Mint, Philadelphia, Penn.,

MELTER AND REFINER'S DEPARTMENT,

29th May, 1879.

Sir,

I herewith present you the Results of the Experiments made by M^r A. E. Outerbridge, on volatilization of Silver of standard fineness, during last week. The six melts of Ingots which he made were added to the general stock of daily silver production. The following statement of the amount worked, the amount produced, & the apparent wastage, will exhibit the whole operation.

Amount worked	<u>17,629.38</u>	Stand ^d Ounces
Amount delivered, (Ingots)	17,278.68	" "
Bars, tops & filings of Ingots	280.99	" "
Grains gathered (with .003 Gold)	0.99	" "
Grains gathered from volatilization	<u>1.01</u>	" "
Apparent wastage	17,629.38 <u>67.71</u>	" "
	<u>17,629.38</u>	17,561.67 67.71